

CLIMATE CHANGE COLLECTION SCORECARD

Date: 2/1/05

Reviewer: Robert Croft

Name of resource: What factors impact a greenhouse?

Sponsoring Organization: UCAR

URL: http://www.ucar.edu/learn/1_3_2_13t.htm

Site Homepage: http://www.ucar.edu/learn/

RESOURCE WITHIN A SITE? **Y** / N

FOUND THROUGH DLESE? **Y** / N

RECOMMENDATION YES **YES WITH RESERVATIONS** NO

STARS 1 2 **3** 4 5 (LAME TO STELLAR)

NARRATIVE (USE OTHER SIDE IF NEEDED)

INTENDED USE

☐ REFERENCE

☐ COMPUTER ACTIVITY

☒ NON-COMPUTER ACTIVITY

EDUCATOR, LEARNER OR **BOTH** (CIRCLE)

BEGINNER OR ADVANCED (CIRCLE)

BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 3 **4**

COMMENTS: No problems observed.

FACTUAL ERROS/OMISSIONS (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 **3** 4

COMMENTS: Question accuracy of all material. Explanations are too simplistic and need more information such as "significant fraction of the solar radiation is captured by the plants." Is 3% a "significant fraction"? Etc.

PEDAGOGICAL INFORMATION

☐ REFERENCE ONLY

☒ TEACHER GUIDE

☒ MATERIALS LIST

☒ ASSESSMENT STRATEGIES

☒ TIMEFRAME PROVIDED

☒ STANDARDS ALIGNMENT

PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 **3** 4

COMMENTS: Good activity that attempts to teach an important concept. However, it is not practical to do in a classroom with 30 students and then do the activity 5 or 6 times a day. Classrooms usually do not have that kind of space for set up and/or not enough electrical outlets for light sources.

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 **4**

COMMENTS: Good graphics to explain experiment.

VISUAL APPEAL (WEAK TO STRONG)

1 2 **3** 4

COMMENTS: Neat appearance to web site. Material is well organized and easy to move through. However, there is nothing to pull you into the site.

TEACHING TIPS: ANNOTATION DESCRIBING HOW SITE COULD BE USED OR ADAPTED FOR CLASSROOM
Carefully plan set up of lab. Space, electrical cords strung around the room, and the number of classes you teach

create issues to deal with.

RECOMMENDATION: ANNOTATION DESCRIBING HOW THE DEVELOPER COULD IMPROVE THE SITE.